Graduate Diploma in Road Safety (PY41)

Year offered: 2011
Admissions: Yes
CRICOS code: 040335A
Course duration (full-time): 2 semesters
Course duration (part-time): 4 semesters
Course duration (external): 2 semesters (full-time) or 4 semesters (part-time)

Domestic Fees (indicative): 2011: Full fee tuition $7,375 (indicative) per semester
International Fees (indicative): 2011: $11,125 (indicative) per semester

Domestic Entry: February (full-time and part-time) and July (external full-time or part-time; internal full-time* or part-time) *full-time option is only for candidates that have completed the GradCertRoadSafety
International Entry: February and July (external full-time; internal full-time if GradCertRoadSafety completed)

Total credit points: 96
Standard credit points per full-time semester: 48
Standard credit points per part-time semester: 24
Course coordinator: psyc.enquiries@qut.edu.au or phone 07 3138 4520
Campus: Gardens Point, Kelvin Grove and External

Entry with Advanced Standing
Advanced standing will be given, on a case by case basis, for road safety-specific units in postgraduate courses including QUT's Graduate Certificate in Civil Engineering; New England/Murdoch/Edith Cowan Universities' Graduate Certificate or Graduate Diploma in Road Safety. Undergraduate units will not be recognised.

Course Structure
The Graduate Diploma in Road Safety course consists of two core units plus six electives. The program structure is designed to be flexible and accessible. The majority of the units are delivered on a semester basis, although two are available in intensive week-long blocks. The program has recently been enhanced with the introduction of distance education delivery for select units.

International Student Entry
This course is only available to international students in external mode, studying from overseas. Two of the units require on-campus block attendance at QUT in Brisbane for a period of one week (two weeks in total).

Limits on grades of 3
A new policy concerning grades of 3 came into effect from 1 January 2009 (QUT MOPP C/5.2). With effect from this date grades of 3 are no longer considered a conceded or low pass but are classified as a fail grade. Any grades of 3 awarded prior to 1 January 2009 retain the conceded pass status and will be counted for graduation purposes up to the maximum number of grades of 3 permitted for your course. Grades of 3 incurred in units that commence after 1 January 2009 will not count towards your degree. Further information is available on the Student Services website.

Further Information
For further information about this course, please contact the CARRS-Q Education Administrator on +61 7 3138 4592 or consult the CARRS-Q website www.carrsq.qut.edu.au

Full-Time Course Structure

**Year 1, Semester 1**

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Unit Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PYP401</td>
<td>Introduction to Road Safety</td>
</tr>
<tr>
<td></td>
<td>and three of the following units</td>
</tr>
<tr>
<td>PYP402</td>
<td>Traffic Psychology and Behaviour</td>
</tr>
<tr>
<td>PYP404</td>
<td>Applying Traffic Psychology</td>
</tr>
<tr>
<td>PYP405</td>
<td>Road Safety Evaluation Models</td>
</tr>
<tr>
<td>PYP407</td>
<td>Independent Study</td>
</tr>
<tr>
<td>PYP408</td>
<td>Road Safety Audit - Investigation and Treatment of Crash Locations</td>
</tr>
<tr>
<td></td>
<td>Traffic Engineering elective</td>
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<td></td>
<td>Elective as approved by Course Coordinator</td>
</tr>
</tbody>
</table>

**Year 1, Semester 2**

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Unit Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PYP406</td>
<td>Road Safety Theory to Practice</td>
</tr>
<tr>
<td></td>
<td>and three of the following units not previously taken</td>
</tr>
<tr>
<td>PYP402</td>
<td>Traffic Psychology and Behaviour</td>
</tr>
<tr>
<td>PYP404</td>
<td>Applying Traffic Psychology</td>
</tr>
<tr>
<td>PYP405</td>
<td>Road Safety Evaluation Models</td>
</tr>
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**Notes**

PYP401, PYP402, PYP404 and PYP406 are offered in external mode in additional semesters.

UNIT SYNOPSES
PYP401 INTRODUCTION TO ROAD SAFETY
This unit introduces the key principles and practices in road safety. Special emphasis is given to the broad context of road use/transport in society and the economic and social implications of road crashes. It introduces the basics of information retrieval, road crash analysis and interpretation, and the strategic development of road safety countermeasures.
Credit points: 12  Contact hours: 3 per week  Campus: Kelvin Grove  Teaching period: 2011 SEM-1, 2011 6TP4 and 2011 SEM-2

PYP402 TRAFFIC PSYCHOLOGY AND BEHAVIOUR
This unit reviews the wide range of factors that influence the behaviour of road users, particularly those that contribute to the incidence of road crashes or exacerbate their severity. It considers all types of road users, including motor vehicle drivers and passengers, motorcycle riders, cyclists and pedestrians. A range of theoretical models are examined which have been used to explain the behaviour of road users.
Credit points: 12  Contact hours: 3 per week  Campus: Kelvin Grove  Teaching period: 2011 SEM-1 and 2011 SEM-2

PYP404 APPLYING TRAFFIC PSYCHOLOGY
This unit reviews the various strategies and programs designed to modify road user behaviour. Effective and ineffective approaches is compared, in order to identify the key characteristics of successful programs. While this is a stand-alone unit, it extends many of the theoretical and practical issues covered in PYP402 - Traffic Psychology and Behaviour.
Credit points: 12  Contact hours: 3 per week  Campus: Kelvin Grove  Teaching period: 2011 SEM-2 and 2011 SUM

PYP405 ROAD SAFETY EVALUATION MODELS
This unit introduces the models and methods used to evaluate behaviour change interventions. In particular, it addresses the systematic application of social and behavioural research methodologies to improve the planning, implementation and monitoring of behavioural road safety programs and counter measures.
Credit points: 12  Contact hours: Block Mode  Campus: Kelvin Grove  Teaching period: 2011 SUM-1

PYP406 ROAD SAFETY THEORY TO PRACTICE
This unit is undertaken in the latter half of both the Graduate Certificate and Graduate Diploma courses and draws together the various themes developed during the program. It is designed to provide students with an opportunity to study and respond to an existing or emerging road safety problem. The student is required to draw on the knowledge and skills they have developed to investigate and recommend solutions to the problem. As far as possible, the unit is designed to reflect the way road safety problems are approached and managed by road safety agencies.
Prerequisites: PYP401  Credit points: 12  Contact hours: 12 per semester, plus weekly contact with the Unit Coordinator  Campus: Kelvin Grove  Teaching period: 2011 SEM-1 and 2011 SEM-2

PYP407 INDEPENDENT STUDY
This unit enables students to undertake an independent study based in their places of work. Individual supervision and objective feedback on the experience is an important component of the learning experience.
Credit points: 12  Contact hours: Weekly contact with Supervisor  Campus: Kelvin Grove and External  Teaching period: 2011 SEM-1 and 2011 SUM

PYP408 ROAD SAFETY AUDIT - INVESTIGATION AND TREATMENT OF CRASH LOCATIONS
Road Safety Audit is a powerful tool for improving the safety of the road network in a proactive manner. It complements the more traditional reactive approaches such as black spot programs. Although Road Safety Audit has been utilised by Australian road authorities for a number of years, there remains a lack of suitably skilled people to conduct the audits.

Consequently, the road authorities (through AUSTROADS) have developed national criteria for the Accreditation of Road Safety Auditors, which include the completion of an approved training course and the obtaining of relevant experience. This course has been designed in conjunction with the Queensland Department of Main Roads to satisfy all the requirements for an approved road safety audit course.
Credit points: 12  Campus: Kelvin Grove  Teaching period: 2011 SUM-1